### This Page Is Inserted by IFW Operations and is not a part of the Official Record

#### **BEST AVAILABLE IMAGES**

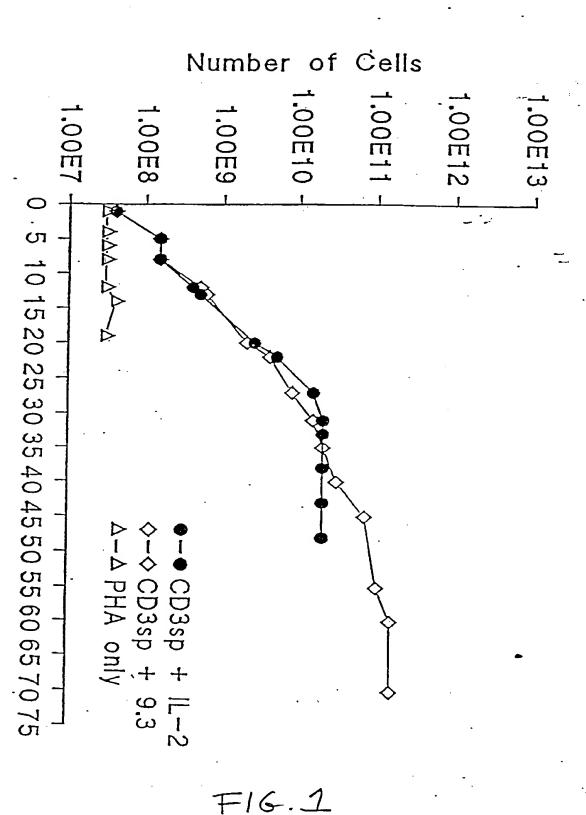
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

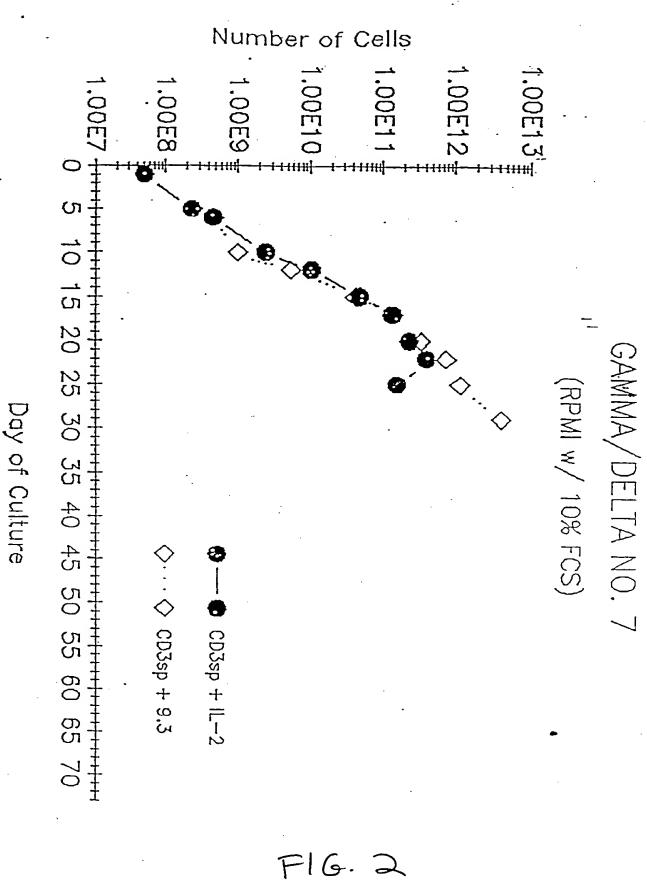
- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

#### IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.



Day of Culture



oescep, orose

LT #13: GROWTH CURVES

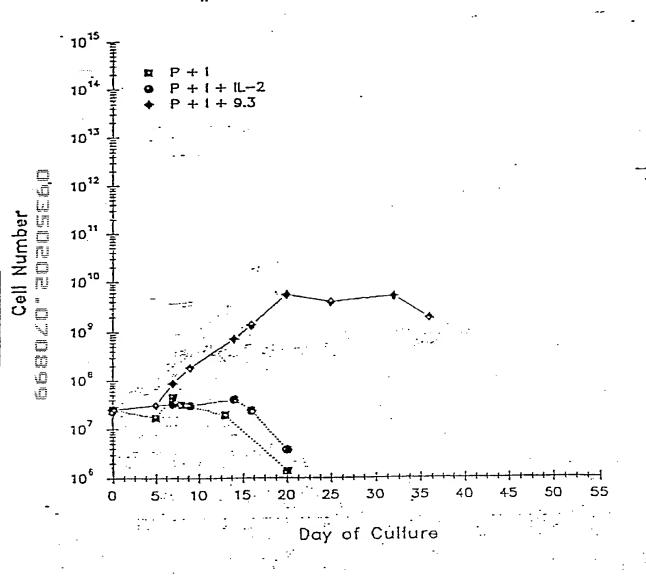


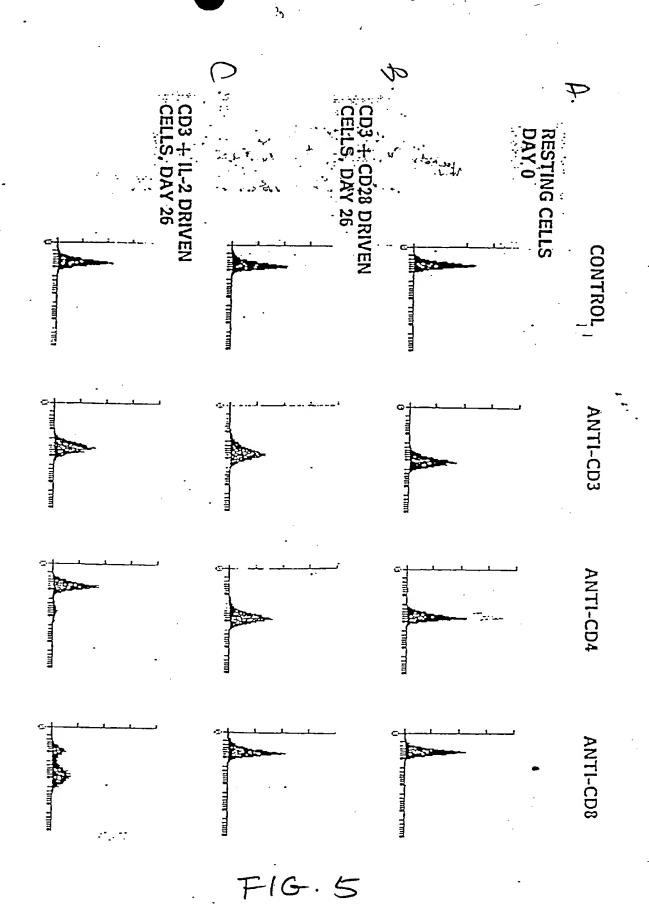
FIG. 3

Selective Outgrowth of CD4<sup>+</sup> T Cells During CD28 Stimulated T Cell Expansion

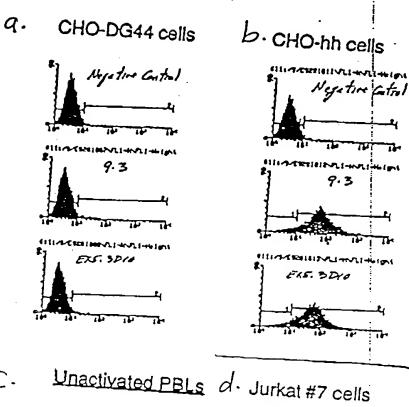
PBMN  $\sim$   $\alpha$ -CD3 + IL-2  $\alpha$ -CD3 +  $\alpha$ -CD28 Phenotype d.16

Culture	Day 0	y 0	Da	Day 16	,
	CD4	CD8	CD4	CD8	
·	30.9	13.9			
CD3 + IL-2	•		8.0	84.5	
CD3 + CD28			44.6	52.5	

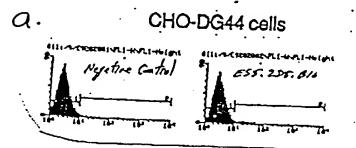
F16.4

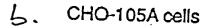


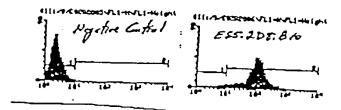
#### **MAb EX5.3D10**



#### mAb ES5.2D8







hPBLs:

C. Unactivated

d. PMA Activated



ESS.2DS. AN. E3

F16.7

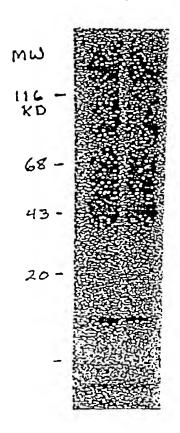
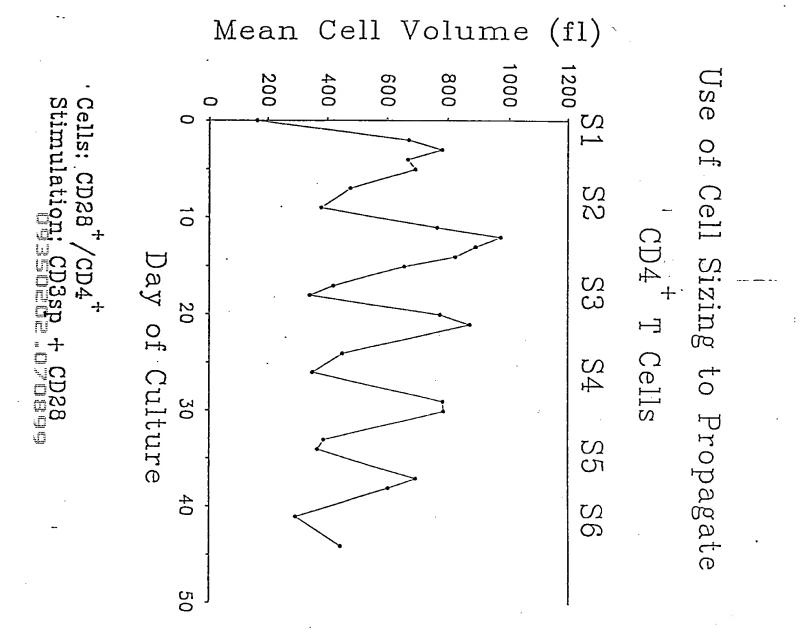


FIG. 8



F16.9

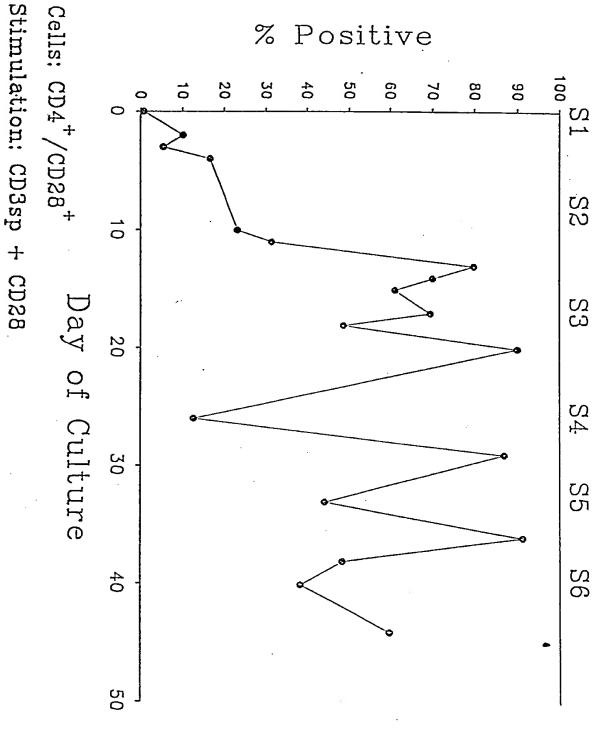
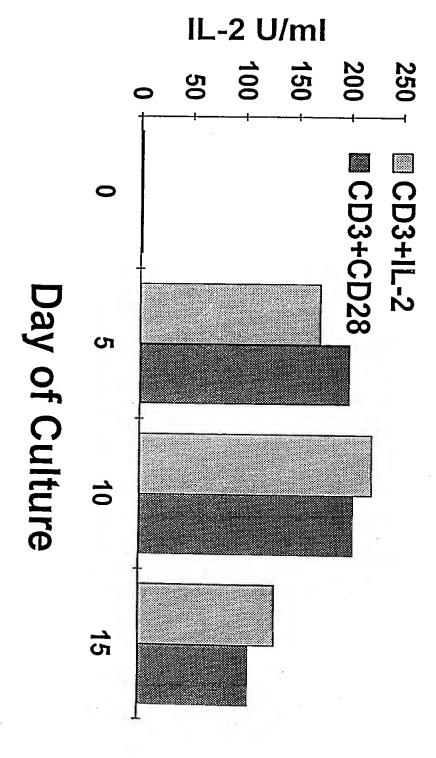


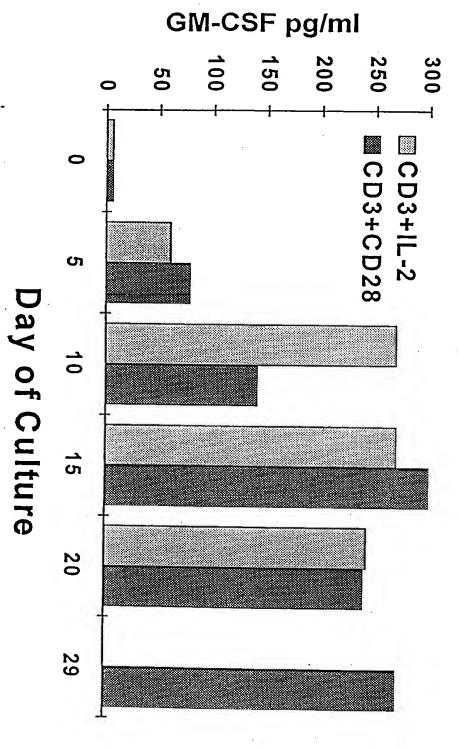
FIG.1

# Cytokine Accumulation in **Culture Supernatants**



F16.11

# Cytokine Accumulation **Culture Supernatants**

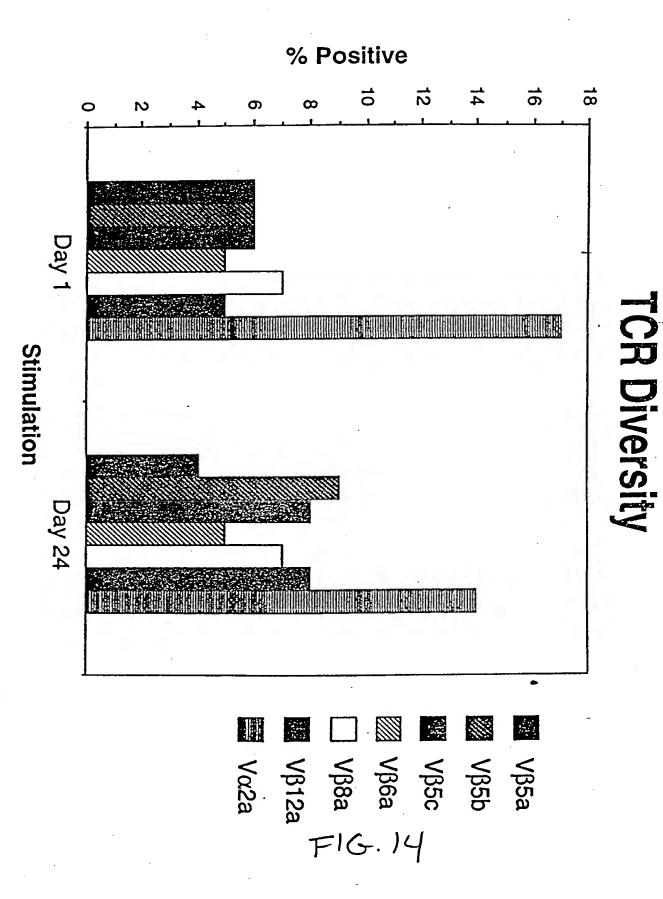


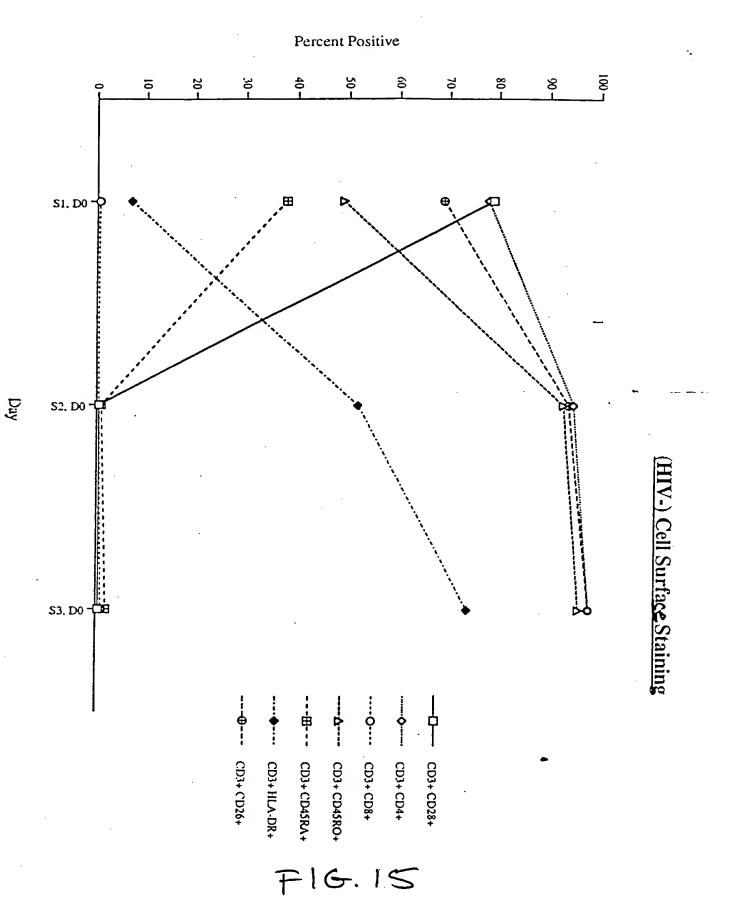
F16.12

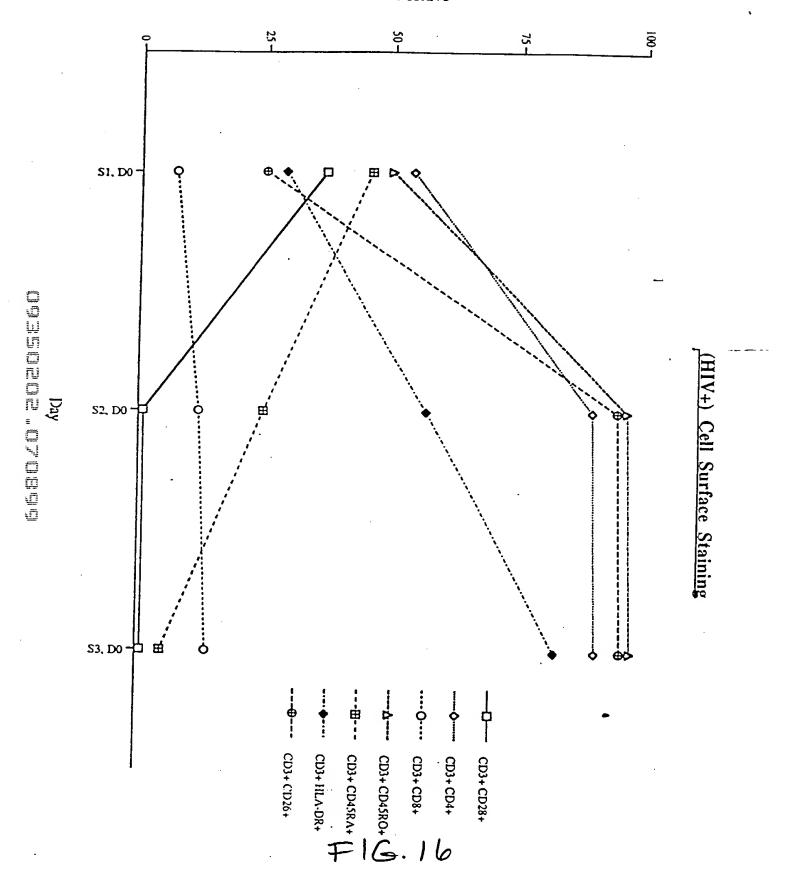
Day of Culture

## TNF pg/ml 10000 2500 5000 7500 Cytokine Accumulation in **Culture Supernatants ■ CD3+CD28** ■ CD3+IL-2

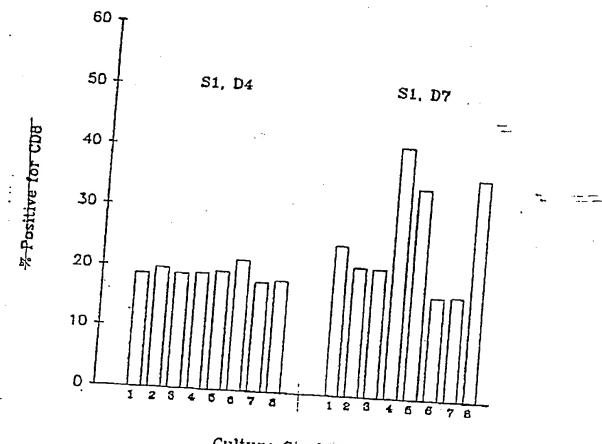
F16.13



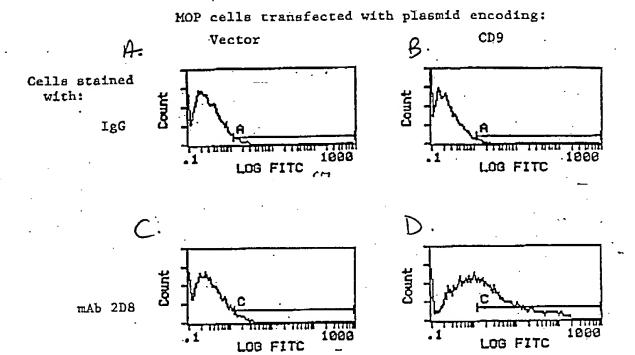




### % Positive for CD8



Culture Conditions



F16.18

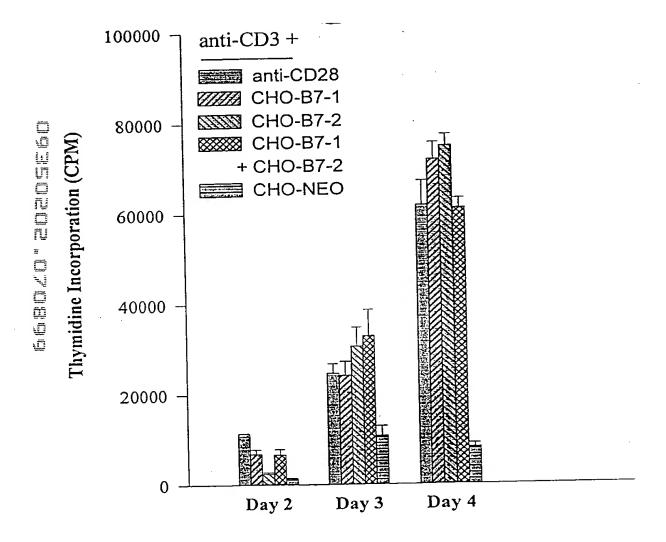
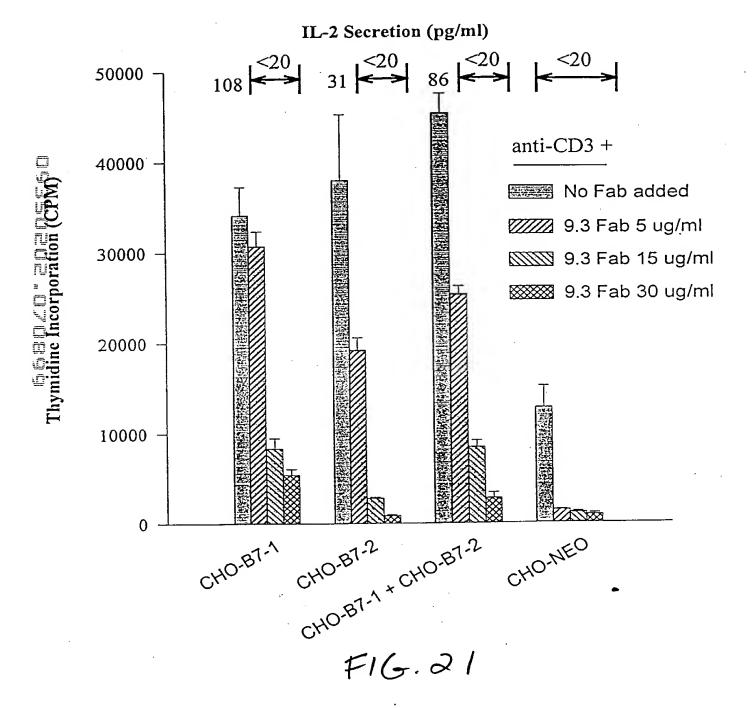
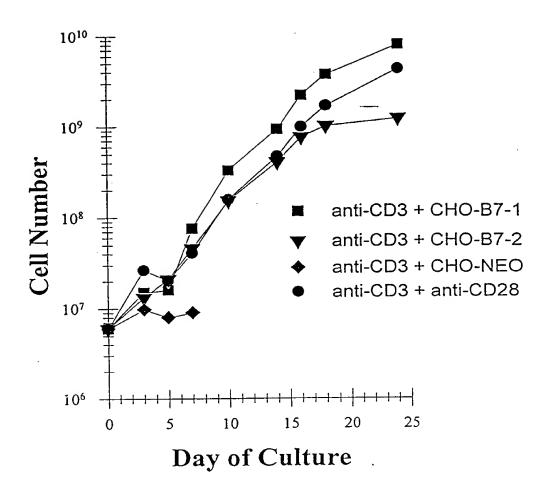


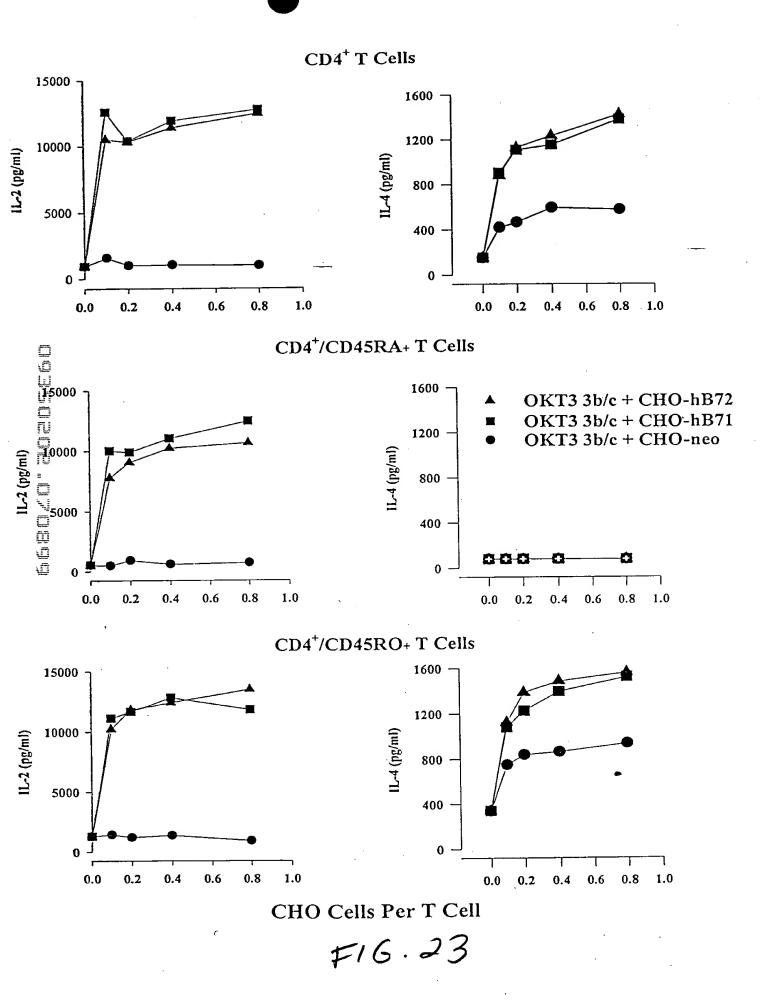
FIG.19

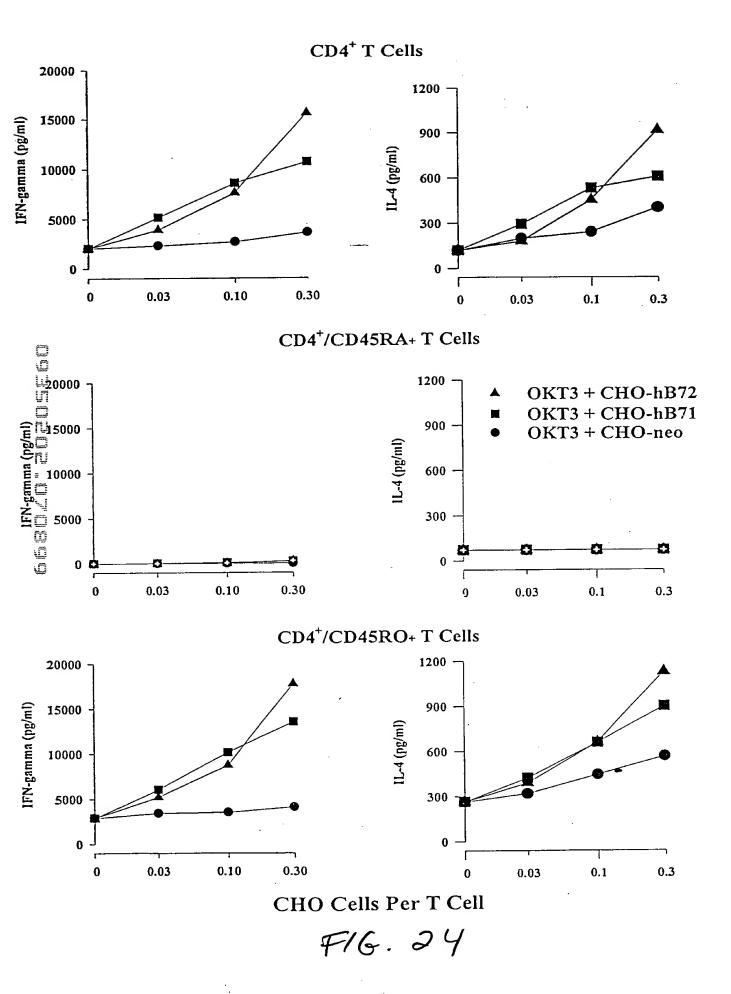
F16.20





F16.22





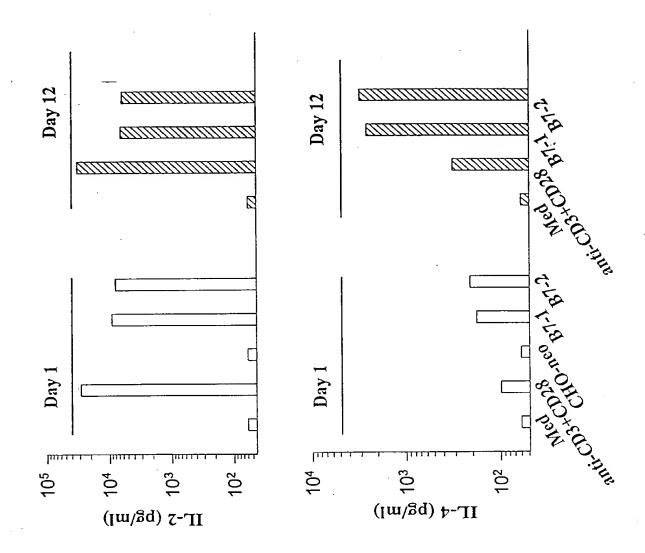
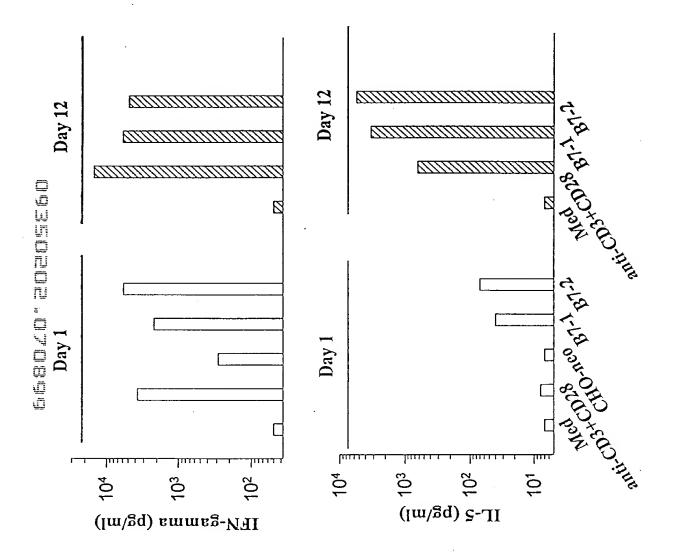
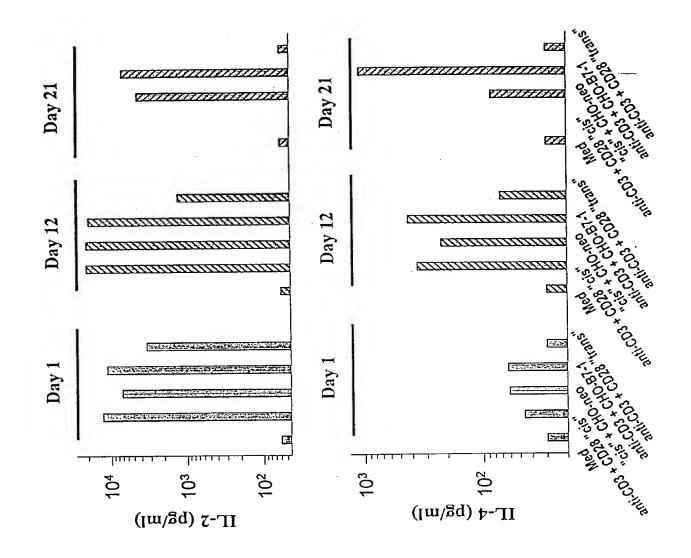


FIG. 25

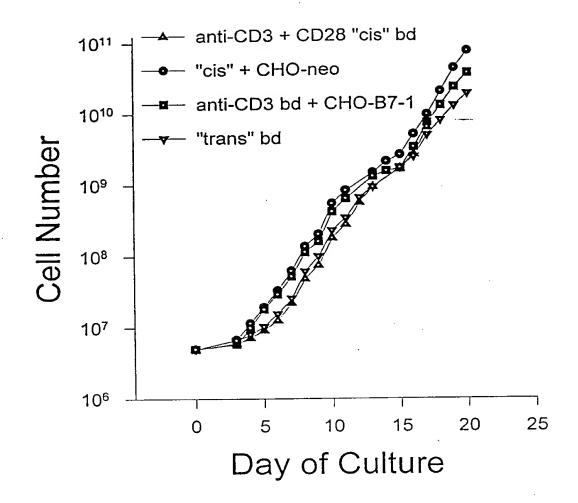


F16.26

F16.27



F16.28



F16.29

